

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S70	1	10/660503	US-PGPUB; USPAT	OR	ON	2006/08/01 06:52
S69	2	((("5289335") or ("6788519"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/01 06:52
S71	282965	(spark near2 gap air near2 gap gas near3 discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:54
S1	271686	(spark near2 gap air near2 gap gas near3 discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:54
S75	527	S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:55
S73	6472	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:55
S72	71161	(lightning near2 strike overvoltage voltage near2 transient voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:55
S76	2279231	(insulation insulator isolation insulate insulating insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:56
S5	316	S4 and (insulation insulator isolation insulate insulating insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 06:56
S78	37199	S71 same S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:23
S81	40	S74 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:24

EAST Search History

S80	549	S72 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:24
S83	8	("4464583").URPN.	USPAT	OR	ON	2006/08/01 07:39
S82	5	("3509518" "3857071" "4025150" "4296002").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 07:39
S85	198	S72 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:41
S77	326	S75 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:41
S84	982	S76 near4 spark near3 gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:49
S86	113	S76 near4 gas near3 discharge near2 tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:50
S23	17357	S1 and (insulator isolator insulat\$3 isolat\$3) near2 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:54
S89	144	S72 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:55
S87	619725	(insulator isolator insulat\$3 isolat\$3) near2 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:55
S90	344111	(varistor MOVs non-linear near2 resistor zinc near3 oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:58

EAST Search History

S74	13077	(varistor MOVs non-linear near2 resistor zinc near3 oxide) same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:58
S91	3027	S71 same S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 07:59
S93	534	(361/120).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/01 08:03
S92	161	S87 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:03
S94	303	S76 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:04
S79	9180	S71 near5 S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:04
S96	940	S72 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:27
S95	137674	(protect\$3 prevent\$3) near4 (worker persons people operator human)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:27
S13	102	(protect\$3 prevent\$3) near4 (worker persons people operator human) and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:27
S98	493	(361/127).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/01 08:30
S97	106	S71 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:30

EAST Search History

S99	49	S87 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:31
S88	5195	S71 same S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:31
S10 1	119	S71 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:33
S10 3	580	(361/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/08/01 08:35
S10 2	39	S93 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:35
S10 0	321	S76 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:35
S10 4	337	S76 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:43
S10 6	1	terence near3 deines	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:44
S10 5	11	british near2 columbia near2 hydro.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:44
S10 7	43	christopher near3 morton	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 08:46
S11 0	737	insulat\$3 near3 gap and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 13:10

EAST Search History

S10 9	71161	(lightning near2 strike overvoltage voltage near2 transient voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 13:10
S10	1570	S8 and (lightning near2 strike overvoltage voltage near2 transient voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 13:10
S3	12828	(varistor MOVs non-linear near2 resistor zinc near3 oxide) same resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 13:10
L3	10	("3348100" "3418530" "3510726" "3518492" "3611044" "3683234").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 05:58
L4	6	("2862152" "3418530" "3510726").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 05:59
L6	6	("3519878" "3611044" "3859568" "3859569" "4004193").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:00
L7	3	("4158872").URPN.	USPAT	OR	ON	2006/08/02 06:01
L2	25	1 and (varistoe MOVs non- near3 linear near3 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:05
L1	519	(gap near2 arrester gap near3 spark gas near3 discahrge) near3 (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:05
L12	80	361/120,127.CCLS. AND (insulating insulation insulated) near3 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:22
L11	0	361/120,127.CCLS. SAME (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:22
L10	752	361/120,127.CCLS. AND (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:22
L13	18	("1211822" "1212129" "1966077" "2208399" "3246206" "3566197" "3585449" "3654511" "3673459" "3777179" "3809959" "4233641" "4652964").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:28

EAST Search History

L16	30	15 and (varistor MOVs non near3 linear near3 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:31
L14	252	(gap near2 arrester gap near3 spark gas near3 discharge) same (insulating insulation insulated) near3 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:31
L9	302	8 and (varistoe MOVs non- near3 linear near3 resistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:31
L8	4790	(gap near2 arrester gap near3 spark gas near3 discharge) same (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:31
L18	4	("2862152" "4198668" "4625254").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:35
L17	3	("4625254" "4652963" "4860156").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:35
L20	4	("4625254").URPN.	USPAT	OR	ON	2006/08/02 06:36
L19	8	("2862152" "2878428" "4174529" "4295174" "4347539" "4432029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:36
L21	8	("2862152" "2878428" "4174529" "4295174" "4347539" "4432029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:42
L22	5	("3641358" "4152743" "4164772" "4347539" "4432029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 06:47
L15	1736	(gap near2 arrester gap near3 spark gas near3 discharge) same (insulating insulation insulated) near3 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 06:50
S2	6289	S1 and (lightning near2 strike overvoltage voltage near2 transient voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 07:00
L23	187	(gap near2 arrester gap near3 spark gas near3 discharge) near4 (insulating insulation insulated) near3 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 07:00

EAST Search History

L25	71161	(lightning near2 strike overvoltage voltage near2 transient voltage near2 surge voltage near2 spike)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 07:01
L28	9	"2337743"	EPO; JPO; DERWENT	OR	ON	2006/08/02 07:37
L24	1470	(gap near2 arrester gap near3 spark gas near3 discharge) near3 (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 07:40
L29	94	(gap near2 arrester gap near3 spark gas near3 discharge) near3 (insulating insulation insulated) near2 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:44
L30	1174	(gap near2 arrester gap near3 spark gas near3 discharge) same (insulating insulation insulated) near2 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:00
L32	315	(gap near2 arrester gap near3 spark gas near3 discharge) near7 (insulating insulation insulated) near2 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:03
L34	1273	(gap near2 arrester gap near3 spark) near9 (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:17
L33	52	(gap near2 arrester gap near3 spark) near9 (insulating insulation insulated) near2 (layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:17
L39	2	("5436608" "5450274").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:26
L41	6	("4727350" "4912592" "5029302" "5663864" "5694284" "5745330").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:28
L43	2	("5663864").URPN.	USPAT	OR	ON	2006/08/02 09:30
L42	2	("4404614" "Re28619").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:30
L44	20	("2992310" "3046536" "3254179" "3340431" "3522570" "3535779" "3755715" "3858077" "4051546" "4062054" "4212047" "4303959" "4371911" "4717902").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:35
L45	14	("5029302").URPN.	USPAT	OR	ON	2006/08/02 09:36

EAST Search History

L46	12	("4062054" "4150414" "4303959" "4320435" "4910489" "4912592" "4984125" "5029302" "5248953" "5475356" "5633777" "5644465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:37
L47	6	("1595737" "4410831" "4451815" "4504766" "4542365").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:43
L50	1	("4371911").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/02 09:56
L49	1	("4717911").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/02 09:56
L48	9	("4727350").URPN.	USPAT	OR	ON	2006/08/02 09:56
L52	5	("4371911").URPN.	USPAT	OR	ON	2006/08/02 09:59
L51	4	("4034326" "4056840" "4191987" "4212047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 09:59
L53	5	("4371911").URPN.	USPAT	OR	ON	2006/08/02 10:00
L54	4	("4034326" "4056840" "4191987" "4212047").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 10:02
L55	2	((("2992310") or ("3046536"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/02 10:03
L35	519	(gap near2 arrester gap near3 spark) near3 (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:04
L58	11	("3535582").URPN.	USPAT	OR	ON	2006/08/02 10:42
L59	1	("5029302").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/02 10:45
L61	1	10/660503	US-PGPUB; USPAT	OR	ON	2006/08/02 10:46
L57	302	56 same (insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:48
L62	57957	(melt soften) near3 (layer film insulating insulation insulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:49
L64	47	(gap near2 arrester gap near3 spark) and 62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:51
L63	11	(gap near2 arrester gap near3 spark) same 62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:51

EAST Search History

L56	1061	(gap near2 arrester gap near3 spark) same short near2 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:15
L65	2903	(gap near2 arrester gap near3 spark) and electrodes near4 (insulation insulating insulated layer film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:16
L66	377	65 and short near2 circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:17